

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004601

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 B66C1/62 B66C1/42 B65G7/12		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 B66C B65G		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 201 08 620 U1 (FLUESSHOEH, HORST) 7 February 2002 (2002-02-07)	1-10,12
Y	the whole document	11
A	page 3, paragraphs 2,5; figures 1,2,4	22
Y	WO 97/08083 A (NORRAHAMMARS PLAATSLAGERI AB; SANBERG, TERJE; SANDBERG, STEIN) 6 March 1997 (1997-03-06)	11
A	page 3, paragraph 4 - page 4; figures	22
X	US 2 367 889 A (RADTKE FRED G) 23 January 1945 (1945-01-23)	1-3,6, 9-12
	the whole document	
X	DE 93 15 085 U1 (HFO HANDELSGESELLSCHAFT FRANZ OBERMAIER OHG, 85521 OTTOBRUNN, DE) 10 February 1994 (1994-02-10)	1-3,12, 13
	the whole document	
	-/--	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
11 July 2005		01.08.2005
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Masset, M

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-20, 22
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20

Gripping surface

2. claim: 21

Frame arrangement

3. claim: 22

Compressed gas storage cylinder vertical lifting device

4. claim: 23

Lifting device

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	DE 103 15 457 A1 (KOMBILITH GMBH ENTWICKLUNG UND VERWERTUNG) 9 June 2004 (2004-06-09) figure 1	1,2,9, 10,12
X	FR 2 769 302 A (RENAULT) 9 April 1999 (1999-04-09) figure 1	13

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 20108620	U1	07-02-2002	NONE	
WO 9708083	A	06-03-1997	SE 508341 C2 AT 210585 T DE 69618033 D1 DE 69618033 T2 EP 0961745 A1 SE 9502992 A WO 9708083 A1	28-09-1998 15-12-2001 24-01-2002 01-08-2002 08-12-1999 01-03-1997 06-03-1997
US 2367889	A	23-01-1945	NONE	
DE 9315085	U1	10-02-1994	NONE	
DE 10315457	A1	09-06-2004	NONE	
FR 2769302	A	09-04-1999	FR 2769302 A1	09-04-1999

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